

Plumbing Board Request for Interpretation

PRINT IN INK or TYPE

NAME OF SUBMITTER

Cassie Koch, AIA

Rule(s) to be interpreted (e.g., 4714.0330)

The Minnesota Plumbing Code (MN Rules, Chapter 4714) is available at www.dli.mn.gov/CCLD/PlumbingCode.asp

Has a request for interpretation been submitted to Department of Labor and Industry (DLI) staff, either as a verbal request or a written request? ☒ Yes ☐ No

If "No," contact DLI staff at 651-284-5898. The DLI is responsible for administration and interpretation of the Minnesota Plumbing Code, and all requests must be processed and provided a DLI interpretation before being referred to the Plumbing Board. This form is intended to be used to request an interpretation from the Plumbing Board only as a resolution of dispute with DLI interpretation.

CODE/RULE to be interpreted:

4714.1017.1 & 1017

NAME OF DLI employee gave interpretation:

Colleen Erickson

DATE interpretation originally requested:

10/4/20

Provide a copy of the DLI interpretation with this request (a copy must be provided as reference).

Is there a local dispute with an Inspector or other official?

If Yes, state the name or type of official

☐ Yes ☒ No

State the circumstances of the initial dispute:

Drawings were submitted for permit and denied. Revisions were made to all but the items related to the aforementioned codes.

Explain why you disagree with the interpretation given to you by DLI staff:

Re 4714.1017.1, Tanks can be located outside, below ground, and be vented above ground and comply with this rule. The rule for venting is not intended to force tank placement to be on a building interior.
Re 1017, One properly sized unit located anywhere prior to discharging from our site is adequate.

What is your interpretation of the language:

Re 4714.1017.1, this applies to underground tanks regardless of their location relative to inside or outside, tanks can be located outside, below ground, and be vented above ground.

Re 1017, we will provide an interceptor tank prior to discharging water from our site, whether it is at the beginning or the end of our reuse system is not dictated by code. Additionally a single adequate sized unit will be provided and it is not necessary to provide multiple units.

List any other information you would like the Board to consider:

Information regarding submitting this form:

- Submit any supporting documentation to be considered electronically to DLI.CCLDBOARDS@state.mn.us. Once your Request For Interpretation form has been received, it will be assigned a file number. Please reference this file number on any correspondence and supplemental submissions.

Information for presentation to the Board.

- You will be notified with the date of the Board Meeting in which your Request For Interpretation will be heard.
- Limit presentations to 5 minutes or less.
- Be prepared to answer questions regarding the Code, the circumstances that led to the dispute and please bring copies of any documentation.

What you can do if you disagree with the Board's determination:

- You may appeal the Board's determination pursuant to Minn. Stat. Chapter 14.

RFI File No.	Date Received by DLI	Dated Received by Board	Date of Board Meeting
Title of RFI	By:		

This material can be made available in different forms, such as large print, Braille or on a tape. To request, call 1-800-342-5354 (DIAL-DLI) Voice or TDD (651) 297-4198.

Submitted by:

NAME Cassie Koch		FIRM NAME Reztark	
ADDRESS 601 Main Street, Ste. 200		CITY Cincinnati, OH	STATE 45202
PHONE (513) 233-3333	SIGNATURE (original or electronic) Cassie Koch	DATE 1/12/20	

For assistance or questions on completing this form, please call 651-284-5898 or 651-284-5889.

Mailing address:

**Plumbing Board
c/o Department of Labor and Industry
443 Lafayette Road North
St. Paul, MN 55155-4344**

*** Please remember to attach all necessary explanations and supporting documentation*** Page 2 of 2

Plumbing Board
Department of Labor and Industry

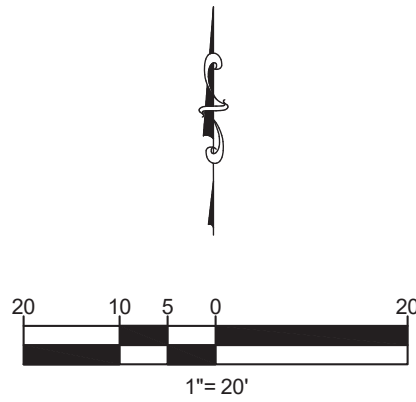
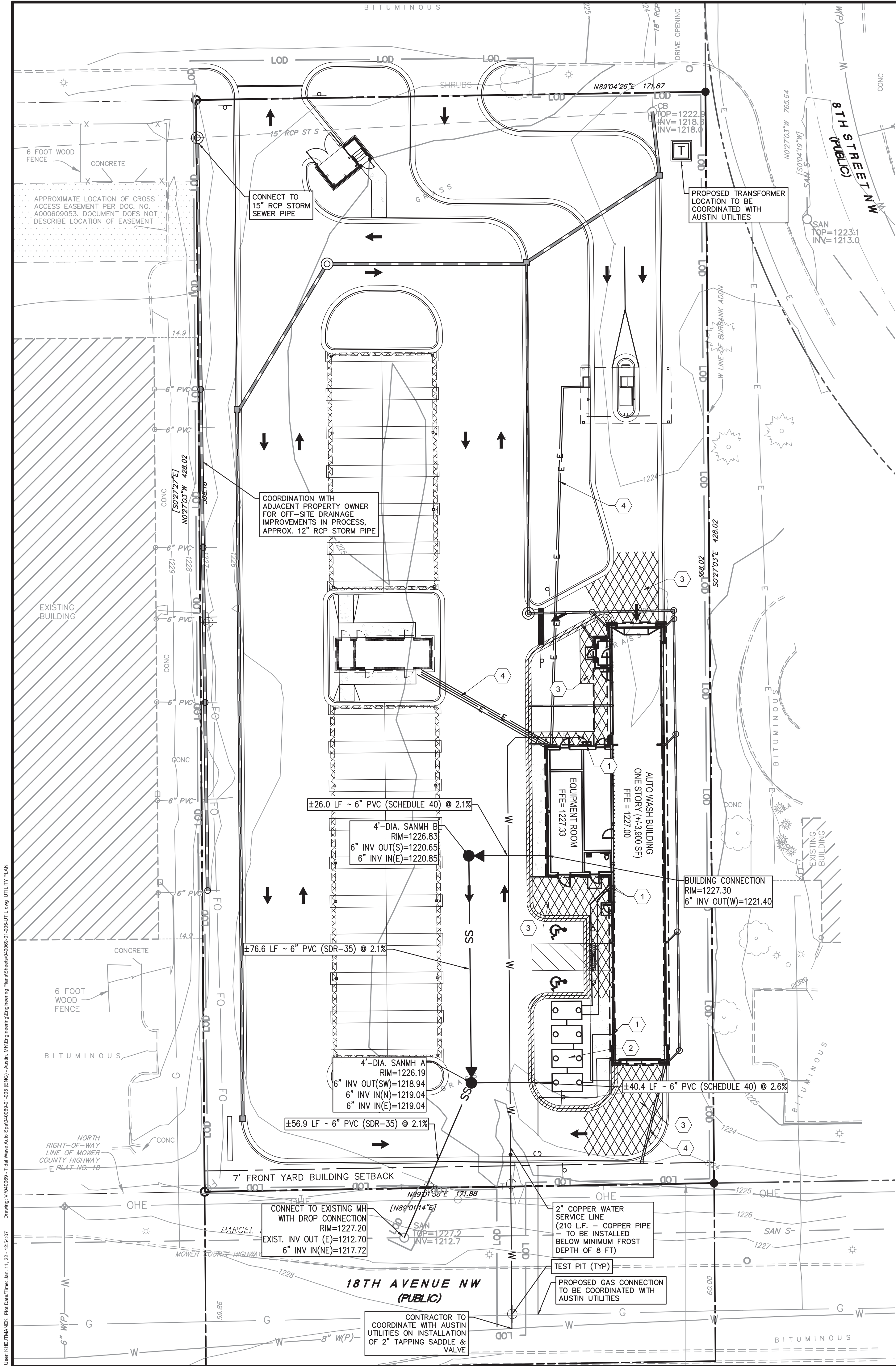
WebEx Board Meeting Open Forum Request

Please keep your presentation to 5 minutes or less.

- Please send this form, and any related materials/presentations to Lyndy Logan at **least 1 day prior to the start of the WebEx meeting.**
- Availability based on length of meeting and number of requestors.

Plumbing Board		Date of Meeting 01/18/2022	Will you be joining meeting by computer or phone? Computer
Name Cassie Koch AIA, Reztark Design Studio	Street/Mailing Address 601 Main Street, Suite 200		Phone Number 513-233-3333
City Cincinnati	State Ohio	Zip 45202	Email Address ckoch@reztark.com
Representing/Company Name Mr. John Lapointe, New Potato Creek Holdings, LLC, 124 E. Thompson Street, Thomaston, Georgia 30286			
Topic: Regarding PB-R2108-0081 (Tidal Wave Auto Spa, Austin) and PB-R2109-0212 (Tidal Wave Auto Spa Willmar) 1. We are appealing the MDL&I interpretation of Section 1017 requiring the flammable waste interceptor be installed within the building. Minnesota Rule 4714.1017.1 requires venting "to the outer air" only. We propose that this requirement applies to underground tanks, regardless of their location inside or outside the building footprint. 2. We are appealing the MDL&I interpretation requiring flammable interceptor on the intake side of the water reuse system. We propose to install the flammable interceptor on the discharge side of the reuse system only. Additionally, we propose to install a single interceptor rather than multiple interceptors.			

- Send this form and related materials to Lyndy at: lyndy.logan@state.mn.us
- For meeting information, including Open Forum Request forms and WebEx instructions, please visit the Plumbing Board's webpage at: <https://www.dli.mn.gov/about-department/boards-and-councils/plumbing-board>



SITE INFORMATION:

ADDRESS: 902 18TH AVENUE NW AUSTIN, MN 55912
PROPERTY AREA: ±1.44 ACRES
PROPERTY ZONING: B-2 (COMMUNITY BUSINESS)

BUILDING SETBACKS:
FRONT: 7'
SIDE: NONE
REAR: NONE

UTILITY NOTES:

- REFERENCE THE GRADING AND DRAINAGE SHEET C10 FOR ALL STORM DESIGN DETAILS.
- THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVE-GROUND STRUCTURES AND IS APPROXIMATE AND SHOWN FOR INFORMATIONAL PURPOSES ONLY. NO CERTIFICATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE THIS INFORMATION.
- ADDITIONAL BURIED UTILITIES / STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES / STRUCTURES.
- BEFORE EXCAVATIONS ARE BEGUN, GIVE THREE WORKING DAYS NOTICE TO GOPHER STATE ONE CALL AT 651-454-0002 PRIOR TO ANY EXCAVATION IN ORDER THAT UNDERGROUND UTILITIES MAY BE LOCATED AND PROTECTED.
- A 10 FOOT HORIZONTAL AND 18 INCH VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN SANITARY SEWER LINES AND ANY WATER OR STORM LINES. WATER OR STORM LINES SHALL BE ABOVE ANY SANITARY LINES.
- MAINTAIN A MINIMUM OF 8' OF COVER ABOVE WATER LINES.
- ALL SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 1% SLOPE UNLESS OTHERWISE NOTED
- FOR ANY WORK IN MINNESOTA DOT RIGHT-OF-WAY, AN ENCROACHMENT AND/OR UTILITY PERMIT MAY BE REQUIRED.
- ALL METERS, VALVES, AND BACKFLOW PREVENTORS ARE TO BE IN COMPLIANCE WITH THE CITY OF AUSTIN REQUIREMENTS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL.
- ADJUST ALL TOP OF STRUCTURES ELEVATIONS (MANHOLES, CLEANOUTS, VALVE BOXES) TO FINISH GRADE ELEVATIONS.
- ALL SANITARY SEWER WORK MUST BE IN ACCORDANCE WITH THE CITY OF AUSTIN STANDARDS AND SPECIFICATIONS.
- LOCATOR WIRE AND DETECTOR TAPE ARE REQUIRED ON ALL SEWER LINES.

SPECIAL NOTES:

- SEE MEP PLANS FOR CONTINUATION
 - WATER RECLAIM SYSTEM
 - CONTRACTOR TO COORDINATE WITH MEP PLANS ON HEATED MAT PLACEMENT UNDER CONCRETE FOR SNOW MELT AREAS
 - PVC ELECTRICAL CONDUIT; COORDINATE WITH OWNER FOR EXACT LOCATION AND SIZE
 - LIGHT POLE (SEE PHOTOMETRIC PLAN FOR EXACT LOCATION)
- TEST HOLE LOCATION – CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOACTION OF THE EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.

Bowman

Bowman Consulting Group, Ltd.
311 S Wacker Drive
Suite 1950
Chicago, IL 60606
Phone: (312) 614-0960
www.bowman.com
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UTILITY PLAN
TIDAL WAVE AUTO SPA - AUSTIN, MN
902 18TH AVENUE NW, AUSTIN, MN 55912
AUSTIN, MN
MOWER COUNTY

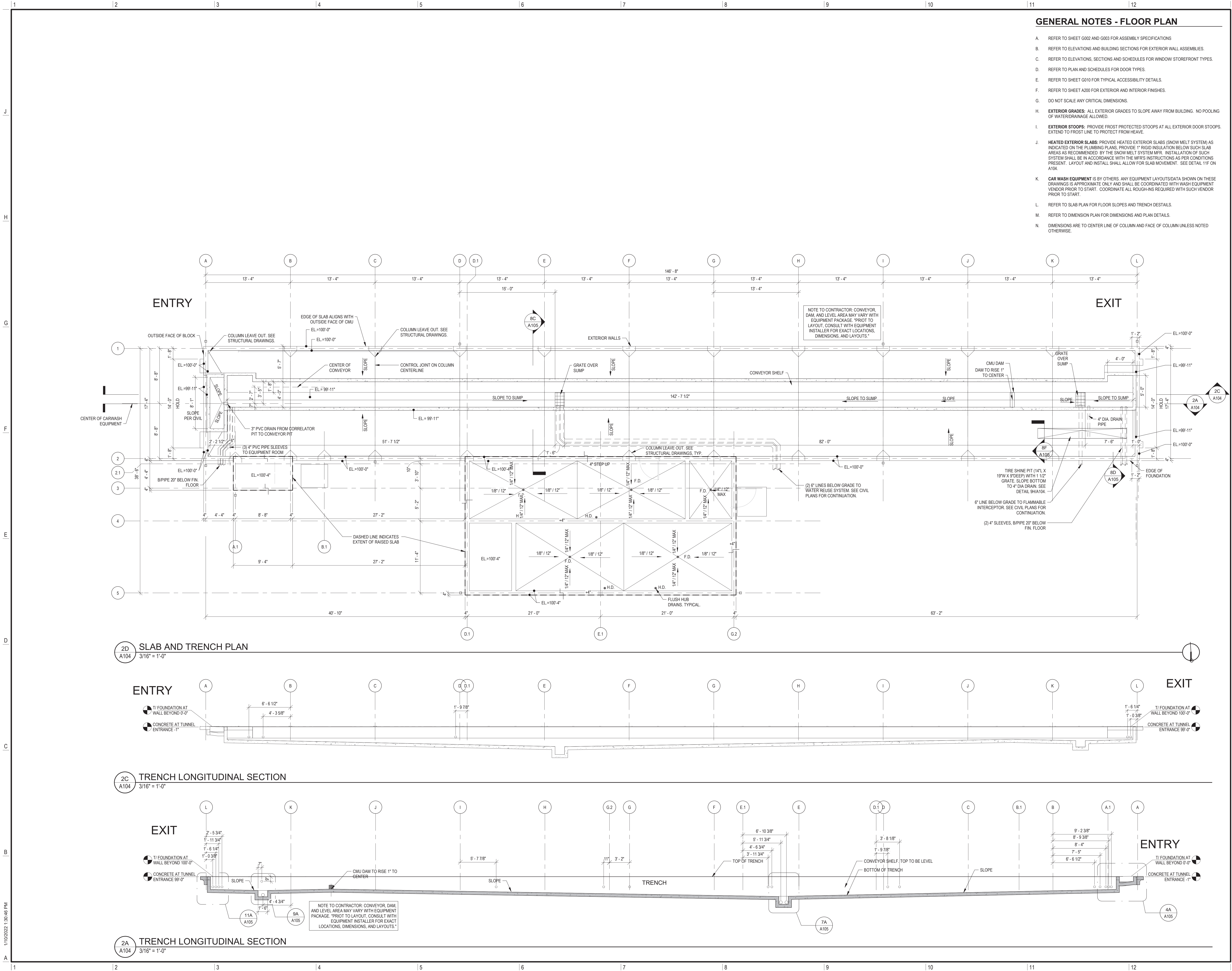
PLAN STATUS

DATE	DESCRIPTION
EC, AT	EC, AT
DESIGN	DRAWN
SCALE:	AS SHOWN
JOB No.	040069-01-005
DATE:	01/04/2022
FILE:	040069-01-005-UTIL.dwg

SHEET

C11





GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G002 AND G003 FOR ASSEMBLY SPECIFICATIONS.
- B. REFER TO ELEVATIONS AND BUILDING SECTIONS FOR EXTERIOR WALL ASSEMBLIES.
- C. REFER TO ELEVATIONS, SECTIONS AND SCHEDULES FOR WINDOW STOREFRONT TYPES.
- D. REFER TO PLAN AND SCHEDULES FOR DOOR TYPES.
- E. REFER TO SHEET G010 FOR TYPICAL ACCESSIBILITY DETAILS.
- F. REFER TO SHEET A200 FOR EXTERIOR AND INTERIOR FINISHES.
- G. DO NOT SCALE ANY CRITICAL DIMENSIONS.
- H. EXTERIOR GRADES: ALL EXTERIOR GRADES TO SLOPE AWAY FROM BUILDING. NO POOLING OF WATER/DRAINAGE ALLOWED.
- I. EXTERIOR STOOPS: PROVIDE FROST PROTECTED STOOPS AT ALL EXTERIOR DOOR STOOPS. EXTEND TO FROST LINE TO PROTECT FROM HEAVE.
- J. HEATED EXTERIOR SLABS: PROVIDE HEATED EXTERIOR SLABS (SNOW MELT SYSTEM) AS INDICATED ON THE PLUMBING PLANS. PROVIDE 1" RIGID INSULATION BELOW SUCH SLAB AREAS AS RECOMMENDED BY THE SNOW MELT SYSTEM MFR. INSTALLATION OF SUCH SYSTEM SHALL BE IN ACCORDANCE WITH THE MFR'S INSTRUCTIONS AS PER CONDITIONS PRESENT. LAYOUT AND INSTALL SHALL ALLOW FOR SLAB MOVEMENT. SEE DETAIL 11F ON A104.
- K. CAR WASH EQUIPMENT IS BY OTHERS. ANY EQUIPMENT LAYOUTS DATA SHOWN ON THESE DRAWINGS IS APPROXIMATE ONLY AND SHALL BE COORDINATED WITH WASH EQUIPMENT VENDOR PRIOR TO START. COORDINATE ALL ROUGHINS REQUIRED WITH SUCH VENDOR PRIOR TO START.
- L. REFER TO SLAB PLAN FOR FLOOR SLOPES AND TRENCH DETAILS.
- M. REFER TO TRENCH PLAN FOR DIMENSIONS AND PLAN DETAILS.
- N. DIMENSIONS ARE TO CENTER LINE OF COLUMN AND FACE OF COLUMN UNLESS NOTED OTHERWISE.

ARCHITECT

reztark

REZTARK DESIGN STUDIO, LLC
601 MAIN STREET, SUITE 200
CINCINNATI, OH 45202
513.233.3333

PROJECT



TIDAL WAVE AUTO SPA
0000 MAIN ST
ANYWHERE, USA 00000

CLIENT

NEW POTATO CREEK HOLDINGS, LLC
124 E. THOMPSON STREET
TOMASTON, GA 30286

CONSULTANT

STRUCTURAL
THORSON BAKER & ASSOCIATES
2055 READING ROAD, SUITE 200
CINCINNATI, OH 45202
513.979.8200

M.E.P.
THORSON BAKER & ASSOCIATES
3000 W. STREET 5800
RICHFIELD, OH 44286
330.659.6688

CIVIL
(UNDER SEPARATE OWNER CONTRACT)
CIVIL COMPANY
000.000.0000

SEAL

NOT FOR
CONSTRUCTION

PROJECT REVISIONS

ISSUED: 09/01/2021

REVISED:

DATE DESCRIPTION

PROJECT INFORMATION

TIDAL WAVE
AUTO SPA

ADDRESS: 0000 MAIN ST
ANYWHERE, USA 00000

PROJ. NO: N146L

DRAWN BY: MLG

CHECKED BY: JMR

SHEET SIZE: 30" x 42"

SHEET TITLE & NUMBER

SLAB PLAN AND
TRENCH SECTIONS

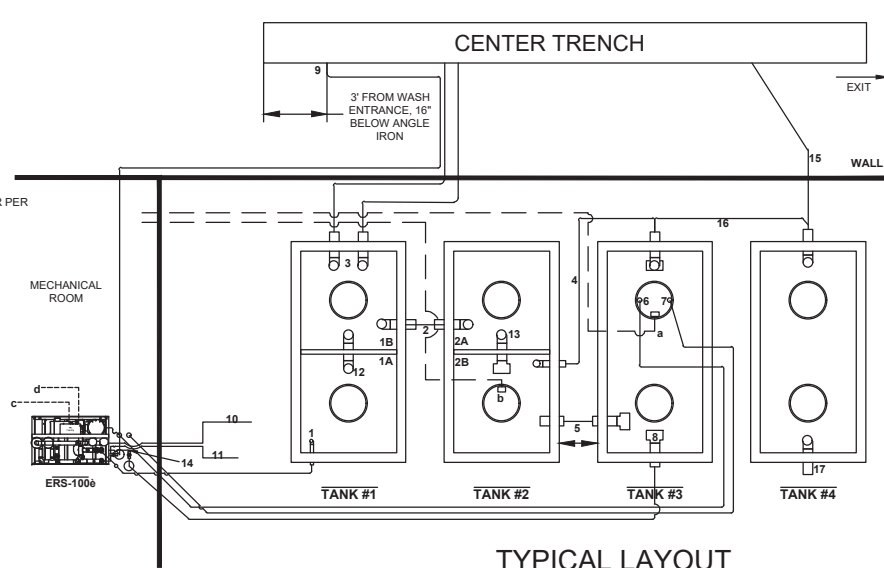
A104

TANKS
TYPICAL 1,500 GAL. PRECAST CONCRETE

TANK #1 - 1A UNDERFLOW - 1B PRIMARY SETTLEMENT
TANK #2 - SECONDARY SETTLEMENT W/ BAFLE
TANK #3 - PROCESS TANK
TANK #4 - FLAMMABLE WASTE INTERCEPTOR SEPARATOR PER MUNICIPAL SPECIFICATIONS

UNDERGROUND PLUMBING

- 1 - 2" SCH 80 PVC PIPE - UNDERFLOW DISCHARGE - TO TANK 1A
- 2 - 6" SCH 40 PVC PIPE - EXTERNAL CROSSOVER - FROM TANK 1B TO TANK 2A
- 3 - TWO 6" SCH 40 PVC PIPES - CENTER TRENCH - TO TANK 1B
- 4 - 4" OR 6" SCH 40 PVC PIPE - OVERFLOW FROM TANK 2B TO TANK 3
- 5 - 6" SCH 40 PVC PIPE - EXTERNAL CROSSOVER - FROM TANK 2B TO TANK 3
- 6 - 3" SCH 80 PVC PIPE - FILTER PUMP SUCTION LINE - FROM TANK 3 *SHOULD HAVE SLIGHT FALL TO RISER. INSTALL 90° AS HIGH AS POSSIBLE ON RISER TO ALLOW FOR EASY MAINTENANCE. NO DEEPER THEN 2' FROM FINISH GRADE*
- 7 - 3" SCH 80 PVC PIPE - SPARE SUCTION LINE - FROM TANK 3 *COMPLETE PLUMBING ON SPARE SUCTION LINE. UNION & FOOT VALVE SAME AS PRIMARY (6). SHOULD HAVE SLIGHT FALL TO RISER. INSTALL 90° AS HIGH AS POSSIBLE ON RISER TO ALLOW FOR EASY MAINTENANCE.*
- 8 - 4" OR 6" SCH 40 PVC PIPE - AQUAPREP DISCHARGE - SPLIT TO TANK 3
- 9 - 4" OR 6" SCH 40 PVC PIPE - AQUAPREP DISCHARGE - SPLIT TO CENTER TRENCH
- 12 - 6" SCH 40 PVC PIPE - INTERNAL CROSSOVER - FROM TANK 1A TO TANK 1B
- 13 - 6" SCH 40 PVC PIPE - INTERNAL CROSSOVER - FROM TANK 2A TO TANK 2B
- 15 - 6" SCH 40 PVC PIPE - TIRE SHINE DRAIN TO TANK 4
- 16 - 6" SCH 40 PVC PIPE - EXTERNAL CROSSOVER FROM TANK 3 TO TANK 4
- 17 - PIPE TO SANITARY SEWER



TYPICAL LAYOUT

- 10 - 2" PIPE - RECLAIM WATER OUTLET - FROM ERS TO CAR WASH EQUIPMENT
11 - 2" PIPE - FRESH WATER INLET - FROM CITY WATER SOURCE TO ERS
14 - 2" SCH 80 PVC PIPE - AQUAPREP DISCHARGE TEE' D' W/ BALL VALVES

UNDERGROUND ELECTRICAL

- A - 1" PVC CONDUIT - LOW WATER PROTECTION FLOAT SWITCH (FS-2) - TANK 3 TO MECHANICAL ROOM
B - 1" PVC CONDUIT - FOR FUTURE USE - TANK 2B TO MECHANICAL ROOM

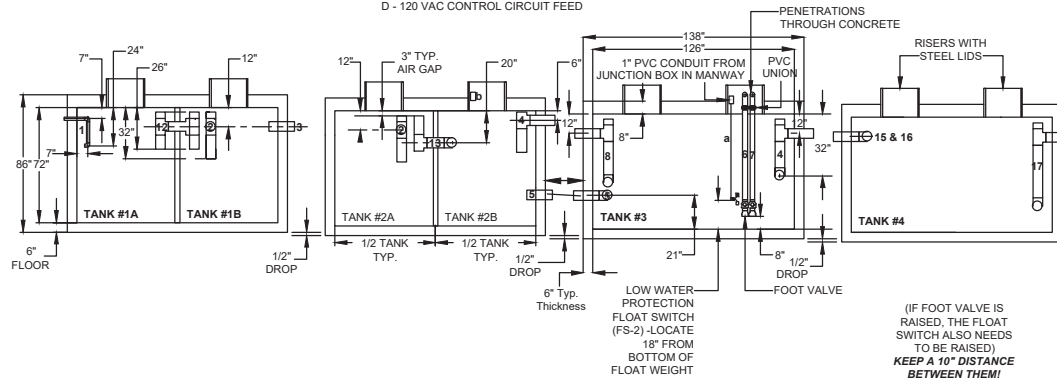
ABOVE GROUND ELECTRICAL

- C - 3 PHASE POWER IN L1-L2-L3
D - 120 VAC CONTROL CIRCUIT FEED

NOTES:

- ACTUAL TANK DIMENSIONS MAY VARY.
- PLUMBING SHOULD BE PLACED AS SHOWN REGARDLESS OF WHAT TANKS ARE USED.
- ALL PIPES MUST BE SET BELOW FROST LINE.
- SUCTION LINES MUST BE SCH 80 PVC.
- DO NOT INSTALL SCREENS ON FOOT VALVE.
- CONSULT ENGINEER FOR ELEVATIONS.
- 1 PIECE TANK IS REQUIRED
- MATCH TANK ELEVATION AS SHOWN.
- FLAMMABLE WASTE INTERCEPTOR TO BE VENTED THROUGH TOP OF TANK PER CITY AND STATE REQUIREMENTS.

SIDE VIEW



NOT TO SCALE

WATER RECLAIM SYSTEM DETAIL

Bowman

311 South Wacker Drive, Suite 1950
Chicago, Illinois 60606

Phone: (312) 614-0360
Fax: (877) 433-0797
www.bowman.com

EXHIBIT A
WATER RECLAIM SYSTEM DETAIL

TIDAL WAVE AUTO SPA
MINNESOTA